

<210> 61
 <211> 354
 <212> DNA
 <213> Pinus taeda

<400> 61
 ggtgcatcc cacactccta accctattat atgtctcccg tccatggagt catagaagga 60
 gtacgataat atgcccttca gccaaagcgaa gtatgacttt agtatggcca ggcagcagta 120
 tgaaagcaca tcttggtttct tccaggctgg catgtatagt ctccggaggc taacaatgtc 180
 acccaaagct aattgcgcaa acggaactcc tctgctgac tcccgggaac ttaggcggaa 240
 ccacctgaa tccactattc tcaccgcgca tttcatccct ttggtgaacg ccgctgcctc 300
 tggtagatac agagctggct tgtctccact ggaaccccct ttccggatcg cacc 354

<210> 62
 <211> 364
 <212> DNA
 <213> Pinus taeda

<400> 62
 ggtgcatcc aaactgtggt tatcggtgga gagattaagc aatttattgg agtagcaagt 60
 acgctgaatt aaggggggtcc atcttcaagc aaaggttcct ttggatgact atgtgttctg 120
 gaagtgttta tggatcaatc atctcataaa ttttggtaat atataacaga agattatggc 180
 atccagttag gatggtagtt tcattgaggt atagtaaaaa ctacactagt cttgtgttgc 240
 caccacttt tcagagaagt caggaggtct ctttgtgaat cattgataac tttatgagtg 300
 ggtacctaaa tgaaatattt gcattctgag tatatactca attgatctta cttgtggatc 360
 gcac 364

<210> 63
 <211> 381
 <212> DNA
 <213> Pinus taeda

<400> 63
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 gagaagacga cagaacacct atcataactt gaattctgat gcaaatcgga atttgcaaaa 120
 aacttggaag gaaatataat aggcaatctc atccccgcaa gtaacaaaaa aattgcatga 180
 aagctcaaat cctatgtgct ttacaccttg actgcatact ttctcattgg aaaatacatc 240
 tctttctttt tctgtctctc agtcttcaat gacgcctgat gcttggttaag gcgtcgctc 300
 atagcacgag tcttcttggg acgcaaatca agaggcaggc acttcttttt tttgtatgct 360
 tctcttaatg cggatcgcac c 381

<210> 64
 <211> 382
 <212> DNA
 <213> Pinus taeda

<400> 64
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 cttgaagaat atgagcgccg atgtgaacag atccacaacc tggagttaaa attggaggaa 120
 gacagagcag tgctgaatag gagcttgga gaaataaata gtcttaagga atcctggctt 180
 ccacattga ggagtttggt taccagaatt aatgaaactt tcagccacaa ctttcaaggg 240
 atggctgttg ctggagaagt tacactagat gaacatggca tggattttga caagttatgg 300
 tattctaata aaagtcaagt tcaggcaaac tggacagttg caggatttga attgctcatc 360
 atcagtctgg agggatcgca cc 382

<210> 65
 <211> 367
 <212> DNA
 <213> Pinus taeda

<400> 65
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 ttgggcaata tgtgcaagac gtggacaaat gaagcgggta aagggaagct tatggactat 120
 ggaatagagg gtcttgaaga gctaactcta gtgggtgata ctcaaaatga aggaataagc 180
 cgtggttttg cttttatagc attttctacg cacatggatg cgatgaatgc atacaaacgc 240
 cttcagaggc cagatgttat ttttggtgct gatcgaactg cgaatgtggc atttgagag 300
 ccactgctg agcctgacga agagatcatg gccaggtta agtcagtgtt gttgatggga 360
 tcgcacc 367

<210> 66
 <211> 298
 <212> DNA
 <213> Pinus taeda

<400> 66
 ggtgcatcc agtctgaaa atgtacttta ccatttgtat aatgatgtaa aaatcttggc 60
 catagtctgg tcaaaccaga ctgtattgtt gctaaagtta tggaaattct ggccatattt 120
 ttgtctaacc agactgtatt gttgccaaag ttatgggaat tccggctata tttttgtctt 180
 cgaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaga tcatagggtt gtctgtgcgt 240
 gtctctcttc ttacacaaca aatttgtgtg ttttgcaact atcccatggg atcgccacc 298

<210> 67
 <211> 425
 <212> DNA
 <213> Pinus taeda

<400> 67
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 tgctggggcca tctgggggat gagcaatagc atcggaggcc aagtcttctt gcagccgggc 120
 accaaatgcc atgtggaggt ctgaatctta gtttgaggt cgaagtttca atccccctgt 180
 gtttactctg tttctgggtt tatttgaata atttgagcaa tttaatgtgg gtccttagtg 240
 cttctgtgga tcagattcta gggaacgcc tctgataag taaagatccg agttttaatg 300
 gagattcaat tctatcagaa ttccatggtg gtttaaattc ccttgtagtg ttgatctacg 360
 tcgctttgta tatcagtgtg tgtaagatt ttctcagaat ccacagcttt gttatggatc 420
 gcacc 425

<210> 68
 <211> 335
 <212> DNA
 <213> Pinus taeda

<400> 68
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 atcatatact gaggcataca ctttgttgat aaaactttaa acaagaacaa tatttgcagc 120
 atattagccc acatgccata atgacaaaca aatatgagaa cactgcctac aggtttgcca 180
 aaagcatggc cctcactttt gcctgaggt catcaggagc ttctgaggct cgagaaggag 240
 aaaaagattg tgtcacttca ggagctgagg cctccacatc ttttaatgat ttgcagcag 300
 gcctctcttt aatgttttct ttagaggatc gcacc 335

<210> 69
 <211> 711
 <212> DNA
 <213> Pinus taeda

<400> 69
 ggtgcatcc aaggtacgag cgaacaagtt tcttcagcaa gccacctgga actttccatg 60
 agtccaaaac aagttgaaga aggccttctt ggctactttt aagatgctga agtgattgtg 120
 ctgcctctt gcacagttca accgcaataa cattgggttt tacaaaaccg attacctgtt 180
 taacctgctg tgcactcttt ttcgaaacat gacaagttcc aacaagataa acttcggccc 240
 cattctcgcc attccgcaaa taaaccacgc tctcatcttc tgttatcgaa ctcgagtgc 300
 tgccacgacg ctcaattgca ggattccaac cccggacttg cgaatgggtg aaagcgatgc 360
 ccgttcgtct cagcgatact gctaaagatc ggcagaccgc aaccagtttg atgcttccat 420
 tgccttaaac atccagagtt ttccttcgac cttaaaccct aacaagatta ctgatttctg 480
 gtccggatgt tcaactgtctg ttatacttct cacaatctg tcacactcct gataatcttc 540
 ggtattgaac ttcattgaat tgaattttcc ttctcattgg aattcaattg taccttgtaa 600
 atgtctggat cctacactat accaatattt acaggtctga gtattttgcc tgtagtataa 660
 ttatctttcc ttcgggtctg tgtttccgta ttattcgtgt aggatcgcac c 711

<210> 70
 <211> 622
 <212> DNA
 <213> Pinus taeda

<400> 70
 ggtgcatcc cgggggggagg ttgatgttct gagagaatca atgaagggat ttcagctgag 60
 cttgcctttt tgaagacgga atgcgaacaa ccagtcattt gcaatagcga gaattctctt 120
 aagccactgc ctgctgggga ggcgagttct gattccggtg attgcatcac tcaacggcag 180
 cagcagcggc agaaccctta gtttcccatg acaggtctct ctgtacaagt atcttctgt 240
 tatgatctaa ttccgggttg ttcgattatc gtgatgtctc ctgtattgac atattagcag 300
 aatattacca tgatacgatg ttaagtggca tggtttatgc cctgcatgtt atgttatgga 360
 ggaggtgagg catgtggcgc tcatgggagg gccacatgg tccatggacg tcttattaaa 420
 cgcatagtgc tgaatgaaaa tagttcaata cattcaaaat tccaacacaa tttcattaca 480
 atggaagtga cttcgacttg aatgttcatt gaagcatttg catgcacaaa caaagtatac 540
 tagattagaa gaaaattgca aaaaaggaca ttgtgcctt cttagtgaat atataaagat 600
 gttcttcatg ctggatcgca cc 622

<210> 71
 <211> 471
 <212> DNA
 <213> Pinus taeda

<400> 71
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 ctagaagcca gtcacccaac ctccaaaag aaattgcgca atctttccca tcagtttccc 120
 gggatgtgt tctgtcatcc cccgaatttt ctttggtttt cactaataga tttctttcca 180
 tgcacattgc ttgtctccag atcttttagg tgttcatcca tctcttagta gtactagatc 240
 gatggcttcc aagagaacag gatcatatga cactgttgga aatgtagctg gagcagcagt 300
 tgagcaagtg tctctagtc tatctatcta tgaaagatac acattgtttc tagacatgga 360
 tatcaaattg aaattgccag aagtcctatga aacatttgcc gccttttgaa gaaaggctcc 420
 aaactgtcag ggttcgttga acatcacatg ttctcgtgt ctgatcccc c 471

<210> 72
 <211> 418